

# Exhibit 1



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| 90/014,624                          | 12/04/2020  | 10484511             | NNUT-02-511-EPR     | 1012             |
| 131926                              | 7590        | 01/21/2021           | EXAMINER            |                  |
| May Patents Ltd. c/o Dorit Shem-Tov |             |                      | SORRELL, ERON J     |                  |
| P.O.B 7230                          |             |                      | ART UNIT            | PAPER NUMBER     |
| Ramat-Gan, 5217102                  |             |                      | 3992                |                  |
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.



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***EX PARTE* REEXAMINATION COMMUNICATION TRANSMITTAL FORM**

REEXAMINATION CONTROL NO. 90/014,624 .

PATENT UNDER REEXAMINATION 10484511 .

ART UNIT 3992 .

Enclosed is a copy of the latest communication from the United States Patent and Trademark Office in the above identified *ex parte* reexamination proceeding (37 CFR 1.550(f)).

Where this copy is supplied after the reply by requester, 37 CFR 1.535, or the time for filing a reply has passed, no submission on behalf of the *ex parte* reexamination requester will be acknowledged or considered (37 CFR 1.550(g)).

|  |                                   |   |                                |
|--|-----------------------------------|---|--------------------------------|
| <b>Order Granting Request For<br/>Ex Parte Reexamination</b> | <b>Control No.</b><br>90/014,624  | <b>Patent Under Reexamination</b><br>10484511 |                                |
|  | <b>Examiner</b><br>ERON J SORRELL | <b>Art Unit</b><br>3992                       | <b>AIA (FITF) Status</b><br>No |

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

The request for *ex parte* reexamination filed 12/04/2020 has been considered and a determination has been made. An identification of the claims, the references relied upon, and the rationale supporting the determination are attached.

Attachments: a) ☐ PTO-892, b) ☒ PTO/SB/08, c) ☐ Other: \_\_\_\_\_

1. ☒ The request for *ex parte* reexamination is GRANTED.

RESPONSE TIMES ARE SET AS FOLLOWS:

For Patent Owner's Statement (Optional): TWO MONTHS from the mailing date of this communication (37 CFR 1.530 (b)). **EXTENSIONS OF TIME ARE GOVERNED BY 37 CFR 1.550(c).**

For Requester's Reply (optional): TWO MONTHS from the **date of service** of any timely filed Patent Owner's Statement (37 CFR 1.535). **NO EXTENSION OF THIS TIME PERIOD IS PERMITTED.** If Patent Owner does not file a timely statement under 37 CFR 1.530(b), then no reply by requester is permitted.

/ERON J SORRELL/  
Primary Examiner, Art Unit 3992

cc:Requester ( if third party requester )

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### *Decision*

A Third Party has filed a Request for *Ex Parte* Reexamination of claims 1-5, 9, 11, 12, 14, 17, 20-22, and 25-30 of U.S. Patent No. 10,484,511 to Shribman et al. ("the '511 Patent"). The Request for *Ex Parte* Reexamination ("the Request") was granted a filing date of December 4, 2020.

Per MPEP 2240,

"Within three months following the filing date of a request for an *ex parte* reexamination, an examiner will consider the request and determine whether or not a substantial new question of patentability affecting **any claim** of the patent is raised by the request and the prior art cited therein, with or without consideration of other patents or printed publications. A statement and any accompanying information submitted pursuant to § 1.501(a)(2) will not be considered by the examiner when making a determination on the request. The examiner's determination will be based on the claims in effect at the time of the determination, will become a part of the official file of the patent, and will be given or mailed to the patent owner at the address provided for in § 1.33(c) and to the person requesting reexamination."

The Request raises at least one Substantial New Question of Patentability, therefore the Request has been **GRANTED**.

### *Listing of Prior Art*

The Third Party ("the Requester") alleges the existence of one or more Substantial New Questions of Patentability (SNQ) based on the following patent(s)/printed publications:

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- i. Luotonen A., "Web Proxy Servers," Prentice Hall PTR, 1998 (ISBN 0-13-680612-0) ("Luotonen");
- ii. Michael K. Reiter and Avid D, Rubin, "Crowds: Anonymity for Web Transactions," ACM Transactions on Information and System Security, Vol. 1, No. 1, Pages 66-92 (November 1998) ("Crowds");
- iii. Wessels et al., RFC 2187, "Application of Internet Cache Protocol (ICP), version 2" (National Laboratory' for Applied Network Research, University of California, San Diego, September 1997) ("RFC 2187");
- iv. U.S. Patent No. 6,701,374 to Gupta et al. ("Gupta");
- v. Postal, J., "Internet Protocol", STD 5, RFC 791, DOI 10.1 7487/ RFC0791, September 1981 ("RFC 791");
- vi. D. Wessels and K. Clauffy, "ICP and the Squid Web Cache," in IEEE Journal on Selected Areas in Communications, vol. 16, no. 3, pp. 345-357, April 1998, doi: 10.1109/49.669043 ("Wessels");
- vii. Wessels, "Squid: The Definitive Guide," ISBN-10: 9780596001629, ISBN-13: 978-0596001629, O'Reilly Media; 1<sup>st</sup> Ed. (January 1, 2004) ("Squid").

### ***The Requester's Position***

The Requester has alleged the following SNQs which have been organized/regrouped below for discussion purposes.

**Group I:** RFC 2187 in view of Wessels and further in view of RFC 791 and Squid to raise SNQs over claims 1-5, 9, 11, 12, 14, 17, 20-22, and 25-30. This group of SNQs is based on proposed rejections of claims 1-5, 9, 11, 12, 14, 17, 20-22, and 25-30 as being obvious over RFC 2187 in view of Wessels and further in

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view of one or more of RFC 791 and Squid (see pages 31-56 of the Request).

**Group II:** Luotonen in view of RFC 791 to raise SNQs over claims 1-5, 14, 17, 20-22, and 25-30. This group of SNQs is based on proposed rejections of claims 1-5, 14, 17, 20-22, and 25-30 as being obvious over Loutonen in view of RFC 791 (see pages 56-78 of the Request).

**Group III:** Crowds to raise SNQs over claims 1-5, 14, 17, 20-22, 25-30. This group of SNQs is based on proposed rejections of claims 1-5, 14, 17, 20-22, and 25-30 as being either anticipated by Crowds, or obvious over Crowds in view of one or more of RFC 2187 and RFC 791 (see pages 78-94 of the Request).

**Group IV:** Gupta to raise SNQs over claims 1-5, 14, 17, 20-22, and 25-30. This group of SNQs is based on proposed rejections of claims 1-5, 14, 17, 20-22, and 25-30 as being obvious over Gupta taken alone or Gupta in view of Loutonen and RFC 2187 (see pages 94-113 of the Request).

### ***Review of Prosecution History***

The '511 Patent issued on November 19, 2019 having claims 1-30 with claim 1 being the only independent claim. The '511

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Patent matured from U.S. Patent Appl. No. 16/278,109 ("the '109 Application") which was filed February 17, 2019. The '109 Application was a continuation of U.S. Patent Appl. No. 15/957,950 filed on April 20, 2018, which was a continuation of U.S. Patent Appl. No. 14/025,109 filed September 12, 2013, which was a division of U.S. Patent Appl. No. 12/836,059 filed on July 14, 2010. The '511 Patent also claims priority to Provisional Appl. No. 61/249,624 filed October 8, 2009.

Independent claim 1, the only independent claim, is representative and is reproduced below for convenience.

*1. A method for fetching, by a first client device, a first content identified by a first content identifier and stored in a web server, for use with a first server that stores a group of IP addresses, the method by the first server comprising:*

*receiving, from the first client device, the first content identifier;*

*selecting, in response to the receiving of the first content identifier from the first client device, an IP address from the group;*



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*sending, in response to the selecting, the first content identifier to the web server using the selected IP address;*

*receiving, in response to the sending, the first content from the web server; and*

*sending the received first content to the first client device,*

*wherein the first content comprises a web-page, an audio, or a video content, and wherein the first content identifier comprises a Uniform Resource Locator (URL).*

In reviewing the prosecution history of the '109 Application, the Examiner finds that a non-final Office action was mailed on May 15, 2019, in which claims 1-30 (all pending claims at the time) were rejected under 35 USC § 101 as being directed toward non-statutory subject matter and under 35 USC § 103 as being unpatentable over Yu (US Pub. No. 2006/0212584) in view of Kageyama (U.S. Pub. No. 20030097408).

A response to the May 15, 2019 Office action was filed on May 31, 2019 which left the claims unchanged and presented arguments traversing the 101 Rejections and the 103 Rejections.

On September 23, 2019, a Notice of Allowance was mailed allowing claims 1-30 which included a statement as to the

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reasons for allowance. The reasons for allowance is reproduced below (emphasis in omitted).

*"Claims 1-30 are considered allowable since when reading the claims in light of the specification, as per MPEP §2111.01 or Toro Co. v. White Consolidated Industries Inc., 199 F.3d 1295, 1301, 53 USPQ2d 1065, 1069 (Fed. Cir. 1999), none of the references of record alone or in combination disclose or suggest the combination of limitations specified in independent claim 1.*

*For example, the independent claims contain limitations, the first server selecting, in response to the receiving of the first content identifier from the first client device, an IP address from the group; sending, in response to the selecting, the first content identifier to the web server using the selected IP address; receiving, in response to the sending, the first content from the web server; and, sending the received first content to the first client device. Therefore, the Examiner agrees that the limitations of the independent claims, within its environment, is allowable subject matter over the prior art, in light of the specification and in view of the Applicant's arguments."*

With that, if a new reference of combination of references teaches

*"the first server selecting, in response to the receiving of the first content identifier from the first client device, an IP address from the group; sending, in response to the selecting, the first content identifier to the web server using the selected IP address; receiving, in response to the sending, the first content from the web server; and sending the received first content to the first client device"*

then that new reference or combination of references would raise a SNQ.

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***Substantial New Question(s) of Patentability***

**Group I:** The Request alleges RFC 2187 in view of Wessels and further in view of RFC 791 and Squid to raise SNQs over claims 1-5, 9, 11, 12, 14, 17, 20-22, and 25-30. Upon review and for the reasons discussed below, the Examiner agrees. RFC 2187 in view of Wessels and further in view of RFC 791 and Squid raises SNQs over claims 1-5, 9, 11, 12, 14, 17, 20-22, and 25-30.

**RFC 2187**

RFC 2187 is a document describing the application of the internet cache protocol, version 2 (ICPv2) to web caching (see abstract). ICP is a message format used for communicating among web caches in order to exchange hints about the existence of URLs in neighboring caches. Caches exchange queries and replies to gather information for use in selecting the most appropriate location from which to retrieve an object (see page 2). ICP can operate in a hierarchy of web caches and is beneficial to speed up access to objects on the internet by reducing the amount of traffic generated by clients. The cache hierarchy may comprise neighbor (or sibling) caches at the same level and parent caches one level above (see page 4). This relationship is shown in figure 1 (reproduced below).

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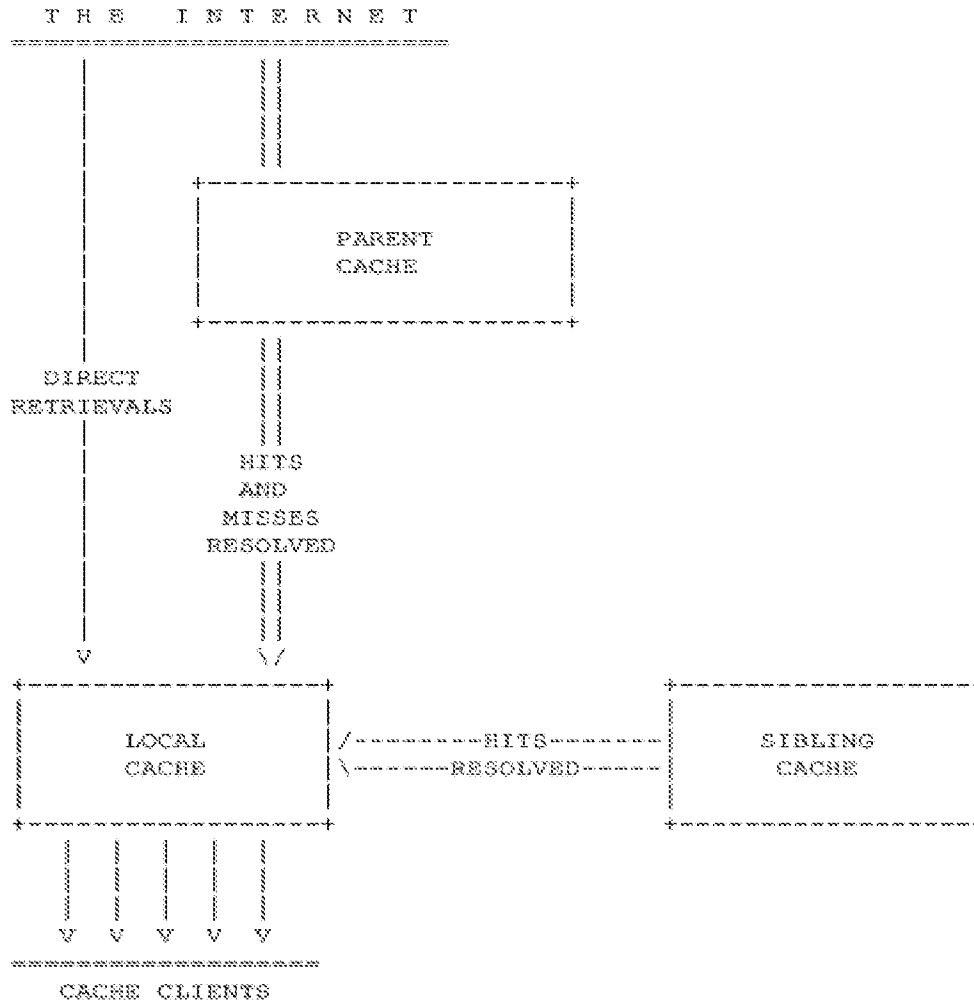


FIGURE 1: A Simple Web cache hierarchy. The local cache can retrieve hits from sibling caches, hits and misses from parent caches, and some requests directly from origin servers.

In operation, a client makes a request to a web cache (for example an HTTP request). When the cache does not have the requested object, it may ask via ICP if a neighbor cache has the requested object. If any of the neighbor caches has the object (a neighbor hit), then the cache will request of object from them. If none of the neighbor caches has the requested object, the cache must forward the request to a parent cache, or the

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origin server directly (see page 7). If the initial caches has the object, it is returned immediately to the client without the need to issue ICP requests to other caches (see page 8).

Additionally, RFC 2187 describes the design of the protocol including the formatting of the messages which include fields for specifying the sender host address and the requesters host address which are IP addresses (see page 18).

### **Wessels**

Wessels is a document detailing the implementation of the internet cache protocol (ICP) as part of the Squid web caching software suite. It provides the specific protocol implementation of ICP including its message format, transport information, and a comparison to HTTP (see pages 5-7). The document also provides details as to the specific query algorithm which can be configured such that specific or certain peers are queried or excluded and the procedure for the collecting the replies (see pages 7-8).

### **RFC 791**

RFC 791 is a memo documenting the Internet Protocol specification which is a protocol that provides for transmitting

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blocks of data referred to as datagrams from sources to destinations which are hosts identified by fixed length addresses. The document describes the internet protocol as being called on by host-to-host protocols in an internet environment and calling on local network protocols to carry the datagram to next destination (see page 1). Figure 1, reproduces below shows the protocol relationship hierarchy.

The IP protocol is described as implementing addressing and fragmentation as its basic functions. In operation, an internet module resides in each host that participates in internet communication and in each gateway interconnecting networks. These modules share common rules for interpreting address fields and have procedures for making routing decisions (see page 2).

The document also provides a model of operation for transmitting a datagram from one application program to another wherein the transmission includes one intermediate gateway. The process involves the following sequence of events:

- 1) the sending application process prepares its data and calls on its local internet module to send that data as a datagram and also passes it the destination address;

- 2) the local internet module prepares a datagram header and attaches the data to it, determines a local network address which in this instance is the gateway address, and sends the

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datagram and the local network address to the local network interface;

3) the local network interface creates a local network header and attaches the datagram to it, then sends that result via the local network;

4) the datagram arrives at the gateway where to local network interface strips off the header, and transfers the datagram to the local internet module, which determines from the internet address that the datagram is to be forwarded to another host in a second network, determines a local network address for the destination host and calls on the local network interface for that network to send the datagram;

5) that local network interface creates a local network header and attaches the datagram sending the result to the destination host;

6) the datagram is received at the destination host, where the local network interface strips the header and hands the result to the local internet module where it is determined that the datagram is for an application program on that host;

7) the data is then passed to the application program in response to a system call passing the source address as a result of the call (see pages 5 and 6).

**Squid**

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Squid is a user manual for the Squid web cache software and provides all of the details for its installation, configuration, and maintenance. Chapter 6 of the book provides specific details of the "Access Control Elements" which are described as the building blocks of Squid and are how IP addresses, hostnames, and URLs are specified (see pages 54-56).

### **Group I - Analysis**

As shown above, the combination of RFC 2187 and Wessels, can be reasonably interpreted as disclosing subject matter relevant to the limitations in independent claim 1 found to be patentable during the prior examination(s) of the '511 Patent. Neither reference was cited during any previous prosecution of the '511 Patent. Moreover, there is a substantial likelihood that a reasonable examiner would consider these teachings important in deciding the patentability of the '511 Patent, and therefore the combination is seen as raising a SNQ over independent claim 1, which question has not been decided in a previous examination of the '511 Patent. Since dependent claim carry with them all of the limitations of the claim from which it depends, for the same reasons above, the combination is seen as raising a SNQ over dependent claims 2-5, 9, 11, 12, 14, 17, 20-22, and 25-30. Additionally, since the combination of RFC 2187 and Wessels is as raising a SNQ over claims 1-5, 9, 11, 12,



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14, 17, 20-22, and 25-30, it follows that RFC 2187 and Wessels in view of RFC 791 and Squid would also raise a SNQ over claims 1-5, 9, 11, 12, 14, 17, 20-22, and 25-30.

**Group II:** The Request alleges that Luotonen in view of RFC 791 raises SNQs over claims 1-5, 14, 17, 20-22, and 25-30. Upon review, and for the reasons discussed below, the Examiner agrees. Luotonen in view of RFC 791 raises a SNQ over claims 1-5, 14, 17, 20-22, and 25-30.

#### Luotonen

Luotonen is a book titled "Web Proxy Servers" which provides an overview of different types of proxy servers, protocols used for communications involving proxy servers, and functions of proxy servers including caching and security services (see Table of Contents). Luotonen defines "a proxy server" as an intermediary server that accepts request from client and forwards them either to other proxy servers, or the origin server (e.g. the web server that hosts the resource, such as a webpage); or services the request from its own cache (see page 4).

Luotonen provides several examples of network configurations including proxy servers including an example of a simple configuration with a single proxy server located between

a client and a content server as shown in figure 1.2 (reproduced below),

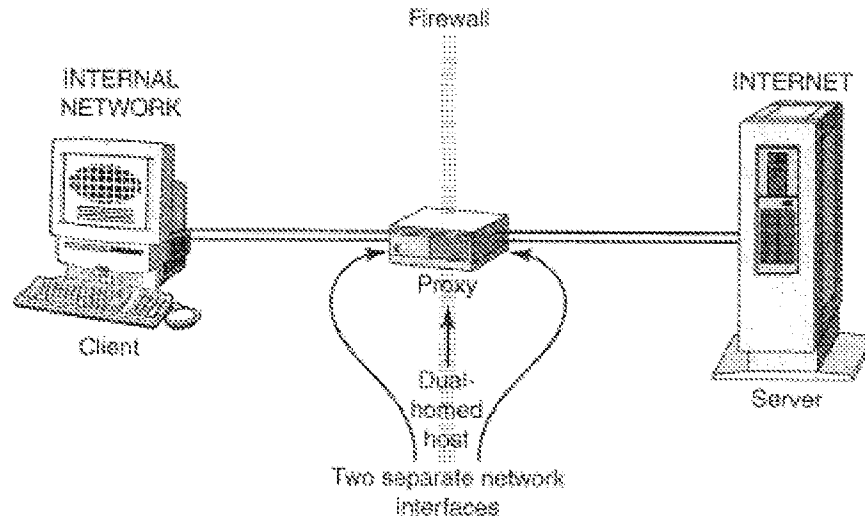


Figure 1.2 A firewall using a single dual-homed host running a proxy server.

and also a more complex example including a hierarchal structure of proxy servers shown at figure 2.1 (reproduced below) (see pages 8 and 23).

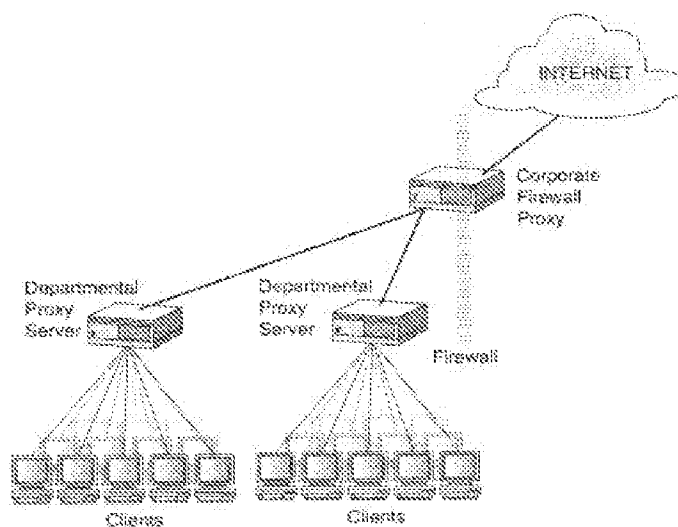


Figure 2.1 Departmental proxy servers daisy-chained to a corporate firewall proxy server.

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Luotonen also details certain protocols used by the clients, the proxy servers, and the origin servers including the HyperText Transfer protocol (HTTP) and the Internet Cache Protocol (ICP). Luotonen teaches that HTTP, which is the primary protocol used for transferring web documents, is a request/response protocol wherein clients send a request to a server and the server sends back a response to the client. The HTTP request consists of a method (e.g. GET, POST), a target URL, protocol version identifier, and a set of headers. The HTTP response consists of a protocol version identifier, a response status line, response headers, and the requested content resource (see pages 39-40).

Luotonen teaches the ICP is a protocol used for querying proxy servers for cached documents typically used by proxy servers querying other proxy servers (see page 115). Unlike HTTP, which is a TCP-based protocol, ICP is a UDP-based protocol. ICP is useful in determining which proxy servers have a desired resource cached in order to make a decision about which proxy server should be contacted via HTTP to request the resource. ICP requests comprise a URL of the resource being queried and the ICP response is either a "HIT" or a "MISS" (see page 116). Luotonen discloses that proxy servers can have zero or more sibling relationships and as well as zero or more parent/child relationships. When trying to locate a cached copy, siblings are queried first and if a "HIT" is not returned, the

parents are queried next (see page 17). These sibling and parent/child relationships are shown in figure 6.3 (reproduced below).

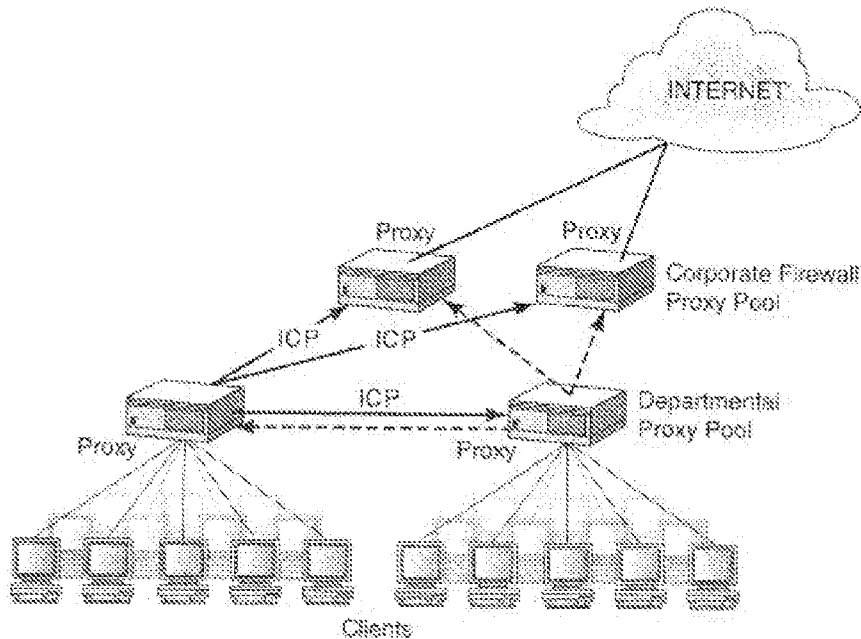


Figure 6.3 ICP used among departmental proxy servers (siblings), and by a departmental proxy server to the firewall proxies (parents). Sibling style ICP queries among firewall proxies is not necessary because the parent ICP from departmental proxy servers have already queried the entire cluster of firewall proxies.

## RFC 791

RFC 791 is a memo documenting the Internet Protocol specification which is a protocol that provides for transmitting blocks of data referred to as datagrams from sources to destinations which are hosts identified by fixed length addresses. The document describes the internet protocol as being called on by host-to-host protocols in an internet environment and calling on local network protocols to carry the datagram to

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next destination (see page 1). Figure 1, reproduces below shows the protocol relationship hierarchy.

The IP protocol is described as implementing addressing and fragmentation as its basic functions. In operation, an internet module resides in each host that participates in internet communication and in each gateway interconnecting networks. These modules share common rules for interpreting address fields and have procedures for making routing decisions (see page 2).

The document also provides a model of operation for transmitting a datagram from one application program to another wherein the transmission includes one intermediate gateway. The process involves the following sequence of events:

- 1) the sending application process prepares its data and calls on its local internet module to send that data as a datagram and also passes it the destination address;

- 2) the local internet module prepares a datagram header and attaches the data to it, determines a local network address which in this instance is the gateway address, and sends the datagram and the local network address to the local network interface;

- 3) the local network interface creates a local network header and attaches the datagram to it, then sends that result via the local network;

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4) the datagram arrives at the gateway where to local network interface strips off the header, and transfers the datagram to the local internet module, which determines from the internet address that the datagram is to be forwarded to another host in a second network, determines a local network address for the destination host and calls on the local network interface for that network to send the datagram;

5) that local network interface creates a local network header and attaches the datagram sending the result to the destination host;

6) the datagram is received at the destination host, where the local network interface strips the header and hands the result to the local internet module where it is determined that the datagram is for an application program on that host;

7) the data is then passed to the application program in response to a system call passing the source address as a result of the call (see pages 5 and 6).

## **Group II - Analysis**

As shown above, Luotonen, which has never been cited during any previous prosecution of the '511 Patent, by itself can be reasonably interpreted as disclosing subject matter relevant to the limitations in independent claim 1 found to be patentable during the prior examination(s) of the '511 Patent. Moreover,

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there is a substantial likelihood that a reasonable examiner would consider these teachings important in deciding the patentability of the '511 Patent. With that, Luotonen is seen as raising a SNQ over independent claim 1, which question has not been decided in a previous examination of the '511 Patent. Since dependent claim carry with them all of the limitations of the claim from which it depends, for the same reasons above, Luotonen is seen as raising a SNQ over dependent claims 2-5, 14, 17, 20-22, and 25-30. Additionally, since Luotonen by itself is seen as raising a SNQ over claims 1-5, 14, 17, 20-22, and 25-30, it follows that Luotonen in view of RFC 791 would also raise a SNQ over claims 1-5, 14, 17, 20-22, and 25-30.

**Group III:** The Request alleges that Crowds raises SNQs over claims 1-5, 14, 17, 20-22, 25-30. Upon review, and for the reasons discussed below, the Examiner agrees. Crowds raises a SNQ over claims 1-5, 14, 17, 20-22, 25-30.

### **Crowds**

Crowds is a document about a software system for protecting users' anonymity on the internet which gets its name from the notion of "blending into a crowd" to conceal identity. Crowds operates by grouping users into large geographically diverse groups that collectively issues requests on behalf of its

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members thus masking the identity of source of the request because it could have come from any member of the crowd (see Abstract).

In order to execute web transactions, a user first joins a crowd of other users. The user then issues a request to a web server. The users request is first passed to another random member of the crowd, possibly even itself. That member of the crowd can either submit the request directly to the web server or forward it another randomly chosen member of the crowd where that member chooses to submit or forward the request independently (see page 67).

In a more detailed explanation of the system, Crowds discloses that a user is represented by a process called a "jondo" that runs on the user's computer. When started, the jondo contacts a server called a "blender" to request admittance into the crowd. Upon admission, the server informs the jondo of the current crowd membership and information for participating in the crowd (see pages 73). Crowds later discloses that this information includes each jondos account name, its IP address, and its port number (see page 89).

Crowds describes the jondos as a proxy that accepts requests from the user's browser and establishes a random path of jondos that carries its user's transactions to and from their intended web servers (see page 73). Replies from the server



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travel the same path as the requests, but in reverse (see page 74). This process is shown illustratively at figure 2 (reproduced below).

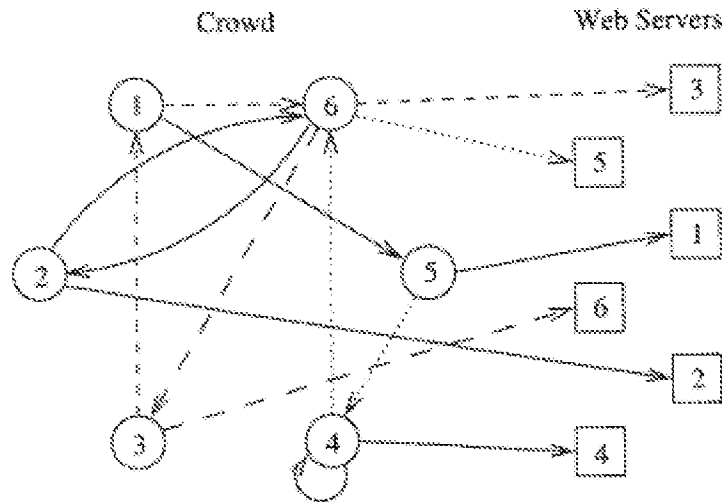


Fig. 2. Paths in a crowd (the initiator and web server of each path are labeled the same).

### Group III - Analysis

As shown above, the Crowds which has never been cited during any previous prosecution of the '511 Patent, can be reasonably interpreted as disclosing subject matter relevant to the limitations in independent claim 1 found to be patentable during the prior examination(s) of the '511 Patent. Moreover, there is a substantial likelihood that a reasonable examiner would consider these teachings important in deciding the patentability of the '511 Patent, and therefore is seen as raising a SNQ over independent claim 1, which question has not

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been decided in a previous examination of the '511 Patent. Since dependent claim carry with them all of the limitations of the claim from which it depends, for the same reasons above, Crowds is seen as raising a SNQ over dependent claims 2-5, 14, 17, 20-22, 25-30.

**Group IV:** The Request alleges that Gupta raises SNQs over claims 1-5, 14, 17, 20-22, and 25-30. Upon review and for the reasons discussed below, the Examiner agrees. Gupta raises a SNQ over claims 1-5, 14, 17, 20-22, and 25-30.

#### **Gupta**

Gupta teaches a method and system for dynamic proxy insertion in network traffic flow. In Gupta's system, a request directed toward a server or response directed toward a client may be altered to insert a plurality of intermediate or final destination designations thereby altering the paths of a requests/response and the paths of subsequent requests/response (see lines 40-47 of column 8). Gupta's system is shown in figure 3 (reproduced below).

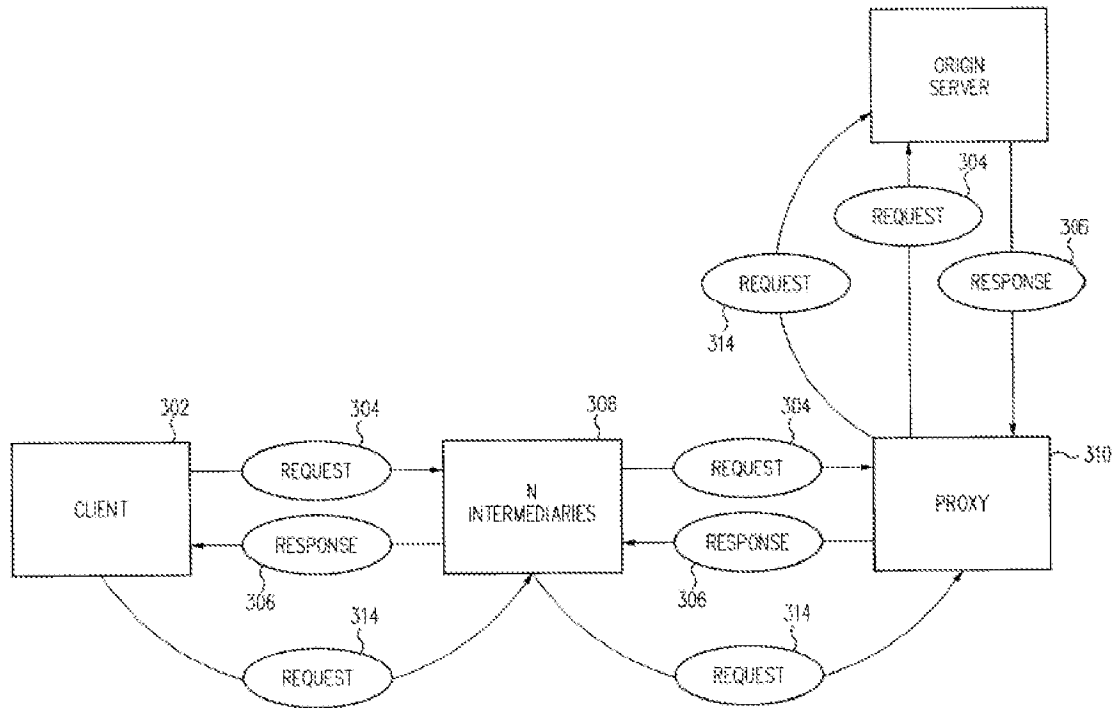


FIG. 3

In operation, a client sends a request that is directed toward the origin server in which a resource is permanently stored and/or is created. Gupta also teaches that other locations may temporarily store the requested resource. The requests are HTTP requests that identify the origin server via a URL. The request may also comprise none or more more thru-proxy tags that identify another possible destination. The thru-proxy tags comprise a proxy identifier which may be an IP address (see line 62 of column 8 to line 8 of column 9).

Gupta teaches the path taken by the request may include none or more intermediaries which may be able to satisfy the

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request without having to pass it to the origin server. If the request is to be sent to the origin server and the request includes a thru-proxy tag, the request will be sent to the proxy identified in the thru-proxy tag before it is sent to the origin server (see lines 46-64 of column 9).

Gupta discloses that an entity that originates, receives and/or processes a request may add one or more thru-proxy tags to a request, and an entity that is identified in a thru-proxy tag may remove it. Gupta also discloses an entity that receives and/or processes a response may add a thru-proxy tag to the response and if a response is received by a client with a thru-proxy tag, that client will retain that information (see line 65 of column 9 to line 6 of column 10). Additionally, Gupta teaches that there may be multiple thru-proxy designations such that alternate thru-proxy tags may be used for redundancy or load balancing purposes (see lines 58-64 of column 10).

#### **Group IV - Analysis**

As shown above, Gupta, which has never been cited during any previous prosecution of the '511 Patent, by itself can be reasonably interpreted as disclosing subject matter relevant to the limitations in independent claim 1 found to be patentable during the prior examination(s) of the '511 Patent. Moreover, there is a substantial likelihood that a reasonable examiner

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would consider these teachings important in deciding the patentability of the '511 Patent. With that, Gupta is seen as raising a SNQ over independent claim 1, which question has not been decided in a previous examination of the '511 Patent. Since dependent claim carry with them all of the limitations of the claim from which it depends, for the same reasons above, Gupta is seen as raising a SNQ over dependent claims 2-5, 14, 17, 20-22, and 25-30.

#### ***Summary of proposed SNQs***

The Examiner agrees with the following groups of proposed SNQs:

**Group I:** Luotonen in view of RFC 791 to raise SNQs over claims 1-5, 14, 17, 20-22, and 25-30.

**Group II:** RFC 2187 in view of Wessels and further in view of RFC 791 and Squid to raise SNQs over claims 1-5, 9, 11, 12, 14, 17, 20-22, and 25-30.

**Group III:** Crowds to raise SNQs over claims 1-5, 14, 17, 20-22, 25-30.

**Group IV:** Gupta to raise SNQs over claims 1-5, 14, 17, 20-22, and 25-30.

#### ***Scope of the Proceeding***

Claims 1-30 are subject to reexamination. While claims 6-8, 10, 13, 15, 16, 18, 19, 22, and 24 were not specifically

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identified in the Request, they are being added by the Office *sua sponte* because they all depend from claim 1 which has been shown above to have a substantial new question of patentability.

Per MPEP 2243,

The decision to reexamine any claim for which reexamination has not been requested under 35 U.S.C. 302 lies within the sole discretion of the Office, to be exercised based on the individual facts and situation of each individual case. If the Office chooses to reexamine any claim for which reexamination has not been requested under 35 U.S.C. 302, it is permitted to do so.

#### ***Extensions of Time***

Extensions of time under 37 CFR 1.136(a) will not be permitted in these proceedings because the provisions of 37 CFR 1.136 apply only to "an applicant" and not to parties in a reexamination proceeding. Additionally, 35 U.S.C. 305 requires that ex parte reexamination proceedings "will be conducted with special dispatch" (37 CFR 1.550(a)). Extensions of time in ex parte reexamination proceedings are provided for in 37 CFR 1.550(c).

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***Conclusion***

ALL correspondence relating to this ex parte reexamination proceeding should be directed as follows:

**Please mail any communications to:**

Attn: Mail Stop "*Ex Parte Reexam*"  
Central Reexamination Unit  
Commissioner for Patents  
P. O. Box 1450 Alexandria VA 22313-1450

**Please FAX any communications to:**

(571) 273-9900  
Central Reexamination Unit

**Please hand-deliver any communications to:**

Customer Service Window  
Attn: Central Reexamination Unit  
Randolph Building, Lobby Level  
401 Dulany Street  
Alexandria, VA 22314

**By EFS-Web**

Registered users of EFS-Web may alternatively submit such correspondence via electronic filing system EFS-Web, at

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Any inquiry concerning this communication or earlier communications from the Reexamination Legal Advisor or Examiner, or as to the status of this proceeding, should be directed to the Central Reexamination Unit at telephone number (571) 272-7705.

Signed:

/ERON J SORRELL/

Primary Examiner, Art Unit 3992

Conferees: /JOSEPH R POKRZYWA/

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/M.F/

Supervisory Patent Examiner, Art Unit 3992